10/735,499

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	184	514/490 or 560/133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/28 04:52
L2	13	l1 and (integrin or phenylalanine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/28 04:59
L3	1	("6689781").PN.	USPAT	OR	OFF	2006/12/28 07:28
L4	1	("6291453").PN.	USPAT	OR	OFF	2006/12/28 07:29
L5	1	("6492421").PN.	USPAT	OR	OFF	2006/12/28 08:08
L6	1	("6689781").PN.	USPAT	OR	OFF	2006/12/28 08:08

```
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TERMINAL (ENTER 1, 2, 3, OR ?):2


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NEWS   1              Web Page URLs for STN Seminar Schedule - N. America
NEWS   2              "Ask CAS" for self-help around the clock
NEWS   3      AUG 09  INSPEC enhanced with 1898-1968 archive
NEWS   4      AUG 28  ADISCTI Reloaded and Enhanced
NEWS   5      AUG 30  CA(SM)/Caplus(SM) Austrian patent law changes
NEWS   6      SEP 21  CA/Caplus fields enhanced with simultaneous left and right
                      truncation
NEWS   7      SEP 25  CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS   8      SEP 25  CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS   9      SEP 25  CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS  10      SEP 28  CEABA-VTB classification code fields reloaded with new
                      classification scheme
NEWS  11      OCT 19  LOGOFF HOLD duration extended to 120 minutes
NEWS  12      OCT 19  E-mail format enhanced
NEWS  13      OCT 23  Option to turn off MARPAT highlighting enhancements available
NEWS  14      OCT 23  CAS Registry Number crossover limit increased to 300,000 in
                      multiple databases
NEWS  15      OCT 23  The Derwent World Patents Index suite of databases on STN
                      has been enhanced and reloaded
NEWS  16      OCT 30  CHEMLIST enhanced with new search and display field
NEWS  17      NOV 03  JAPIO enhanced with IPC 8 features and functionality
NEWS  18      NOV 10  CA/Caplus F-Term thesaurus enhanced
NEWS  19      NOV 10  STN Express with Discover! free maintenance release Version
                      8.01c now available
NEWS  20      NOV 20  CAS Registry Number crossover limit increased to 300,000 in
                      additional databases
NEWS  21      NOV 20  CA/Caplus to MARPAT accession number crossover limit increased
                      to 50,000
NEWS  22      DEC 01  CAS REGISTRY updated with new ambiguity codes
NEWS  23      DEC 11  CAS REGISTRY chemical nomenclature enhanced
NEWS  24      DEC 14  WPIDS/WPINDEX/WPIX manual codes updated
NEWS  25      DEC 14  GBFULL and FRFULL enhanced with IPC 8 features and
                      functionality
NEWS  26      DEC 18  CA/Caplus pre-1967 chemical substance index entries enhanced
                      with preparation role
NEWS  27      DEC 18  CA/Caplus patent kind codes updated
NEWS  28      DEC 18  MARPAT to CA/Caplus accession number crossover limit increased
                      to 50,000
NEWS  29      DEC 18  MEDLINE updated in preparation for 2007 reload
NEWS  30      DEC 27  CA/Caplus enhanced with more pre-1907 records

NEWS EXPRESS          NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
                      MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), CURRENT
                      AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS            STN Operating Hours Plus Help Desk Availability
NEWS LOGIN            Welcome Banner and News Items
NEWS IPC8             For general information regarding STN implementation of IPC 8
NEWS X25              X.25 communication option no longer available


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FILE 'HOME' ENTERED AT 07:51:15 ON 28 DEC 2006


=> file registry                                    SINCE FILE      TOTAL
COST IN U.S. DOLLARS                                     ENTRY     SESSION
                                                         0.21        0.21
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 07:51:24 ON 28 DEC 2006
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STRUCTURE FILE UPDATES:     27 DEC 2006    HIGHEST RN 916420-05-8
DICTIONARY FILE UPDATES:    27 DEC 2006    HIGHEST RN 916420-05-8

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=>
Uploading C:\Program Files\Stnexp\Queries\PHENYLALANINE INTEGRIN INHs.str
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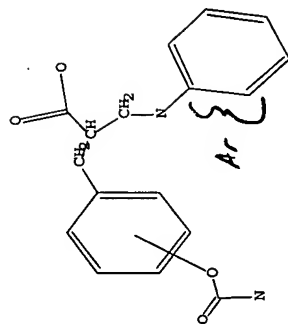
Ar }

Structure attributes must be viewed using STN Express query preparation.

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=> S L1
SAMPLE SEARCH INITIATED 07:51:45  FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -          66 TO ITERATE

100.0% PROCESSED          66 ITERATIONS
SEARCH TIME: 00.00.01                              0 ANSWERS

FULL FILE PROJECTIONS:    ONLINE    **COMPLETE**
                          BATCH     **COMPLETE**
PROJECTED ITERATIONS:          833 TO       1807
PROJECTED ANSWERS:               0 TO          0

L2         0 SEA SSS SAM L1

=> S L1 SSS FULL
FULL SEARCH INITIATED 07:51:53  FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     . 1250 TO ITERATE

100.0% PROCESSED     1250 ITERATIONS
SEARCH TIME: 00.00.01

L3         0 SEA SSS FUL L1                         0 ANSWERS

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=>
Uploading C:\Program Files\Stnexp\Queries\PHENYLALANINE INTEGRIN INHs.str
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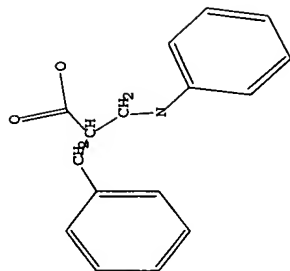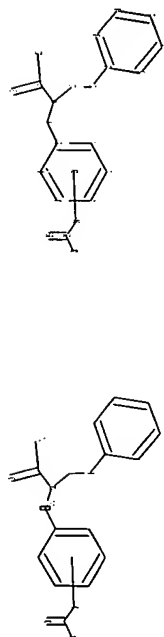
```
chain nodes :
7  8  9  10  11  19  20  24  25  26
ring nodes :
1  2  3   4   5   6  12  13  14  15  16  17
ring/chain nodes :
27
chain bonds :
5-7  7-8  8-9  8-10  9-19  9-20  10-11  11-12  24-25  25-26  25-27
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  12-13  12-17  13-14  14-15  15-16  16-17
exact/norm bonds :
9-19  9-20  10-11  11-12  24-25  25-26  25-27
exact bonds :
5-7  7-8  8-9  8-10
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  12-13  12-17  13-14  14-15  15-16  16-17
isolated ring systems :
containing 1 :

G1:O,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:CLASS   10:CLASS
11:CLASS  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom   19:CLASS  20:CLASS
24:CLASS  25:CLASS  26:CLASS  27:CLASS  28:Atom


L1      STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1            STR
```

Structure attributes must be viewed using STN Express query preparation.

```
=> S L4
SAMPLE SEARCH INITIATED 08:10:18  FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      486 TO ITERATE

                                                            2 ANSWERS
100.0% PROCESSED      486 ITERATIONS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE  **COMPLETE**
                         BATCH   ***COMPLETE***

PROJECTED ITERATIONS:         8398 TO   11042
PROJECTED ANSWERS:               2 TO     124

L5          2 SEA SSS SAM L4

=> S L4 SSS FULL
FULL SEARCH INITIATED 08:10:25  FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     9865 TO ITERATE

                                                            7 ANSWERS
100.0% PROCESSED     9865 ITERATIONS
SEARCH TIME: 00.00.01

L6          7 SEA SSS FUL L4

=> FILE CAPLUS                               SINCE FILE      TOTAL
COST IN U.S. DOLLARS                            ENTRY      SESSION
                                               347.08       347.29
FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 08:10:28 ON 28 DEC 2006
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```
chain nodes :
7   8   9   10   11   19   20   24   25   26
ring nodes :
1   2   3   4   5   6   12   13   14   15   16   17
ring/chain nodes :
27

chain bonds :
5-7   7-8   8-9   8-10   9-19   9-20   10-11   11-12   24-25   25-26   25-27
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   12-13   12-17   13-14   14-15   15-16   16-17
exact/norm bonds :
9-19   9-20   10-11   11-12   24-25   25-26   25-27
exact bonds :
5-7   7-8   8-9   8-10
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   12-13   12-17   13-14   14-15   15-16   16-17
isolated ring systems :
containing 1 :

G1:O,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:CLASS   10:CLASS
11:CLASS  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom   19:CLASS  20:CLASS
24:CLASS  25:CLASS  26:CLASS  27:CLASS  28:Atom

L4         STRUCTURE UPLOADED

=> D L4
L4 HAS NO ANSWERS
L4              STR
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FILE COVERS 1907 - 28 Dec 2006   VOL 146 ISS 1
FILE LAST UPDATED: 27 Dec 2006   (20061227/ED)

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=> S L6
L7   4 L6

=> D 1-4 IBIB ABS HITSTR

L7   ANSWER 1 OF 4   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:869580 CAPLUS
DOCUMENT NUMBER: 137:353320
TITLE: Preparation of amino(oxo)acetic acid derivatives as
                      selective protein tyrosine phosphatase inhibitors
INVENTOR(S):   Liu, Gang; Xin, Zhili; Pei, Zhonghua; Li, Xiaofeng;
                      Szczepankiewicz, Bruce G.; Janowick, David A.; Oost,
                      Thorsten K.
PATENT ASSIGNEE(S):   USA
SOURCE: U.S. Pat. Appl. Publ., 60 pp., Cont.-in-part of U.S.
                      Pat. Appl. 2002 72,516.
                      CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002169157	A1	20021114	US 2002-85157	20020227
US 2002035137	A1	20020321	US 2001-918928	20010731
US 2002072516	A1	20020613	US 2001-941471	20010829
US 6972340	B2	20051206		
WO 2003072537	A2	20030904	WO 2003-US3663	20030206
WO 2003072537	A3	20031218		

W: CA, JP, MX
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
   IT, LU, MC, NL, PT, SE, SI, SK, TR
PRIORITY APPLN. INFO.:   US 2000-228651P   P 20000829
                         US 2000-650922   A2 20000829
                         US 2001-918928   A2 20010731
                         US 2001-941471   A2 20010829
                         US 2002-85157   A 20020227

OTHER SOURCE(S):   MARPAT 137:353320
AB   Compds. B-L-A-N(D)COCO2P2 (A are rings of defined structure; B = H, alkyl,
     aryl, arylalkyl, heterocyclyl, or heterocyclylalkyl; D = substituted Ph,
     alkyl, or 1-alkenyl [the substituent at the o- or 2-position is alkoxy,
     alkyl, sulfamoyl, amino, cyano, nitro, CO2P1, SO3H, P(O)(OH)2,
     CH2P(O)(OH)2, CHFP(O)(OH)2, CF2P(O)(OH)2, or C(:NH)NH2] or certain
     5-membered heterocycles; P1, P2 = H, alkyl, alkenyl, arylalkyl,
     cycloalkyl, cycloalkylalkyl; L = (un)substituted (hetero)alkylene) or
     their therapeutically acceptable salts were prepared as protein tyrosine
     kinase 1B (PTP1B) inhibitors. Thus, N-[5-[N-acetyl-4-
     [(carboxycarbonyl)(2-carboxyphenyl)amino]-3-ethylphenylalanyl]amino]pentan
     oyl]-L-methionine and Me 2-[4-[N-acetyl-4-[(carboxycarbonyl)(2-
     carboxyphenyl)amino]-3-ethylphenylalanyl)amino]butoxy]-6-hydroxybenzoate
     were prepared and showed Kic = 0.077 ± 0.012 and 0.016 ± 0.003 μM,
     resp., for inhibition of PTP1B.
IT   474917-46-9P 474917-51-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
    (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
    (Uses)
       (preparation of amino(oxo)acetic acid derivs. as selective protein tyrosine
       phosphatase inhibitors)
RN   474917-46-9 CAPLUS
CN   Benzenepropanoic acid, α-[[(carboxycarbonyl)[4-[(2S)-2-[[(1,1-
     dimethylethoxy)carbonyl]amino]-3-[[4-[3-hydroxy-2-
     (methoxycarbonyl)phenoxy]butyl]amino]-3-oxopropyl]phenyl]amino]methyl]-
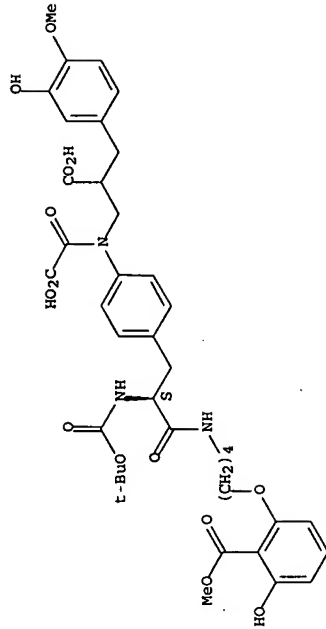   (9CI)   (CA INDEX NAME)

Absolute stereochemistry.
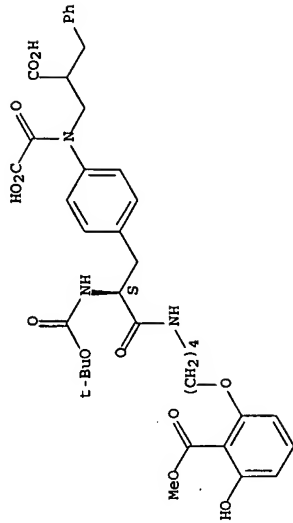
RN   474917-51-6 CAPLUS
CN   Benzenepropanoic acid, α-[[(carboxycarbonyl)[4-[(2S)-2-[[(1,1-
     dimethylethoxy)carbonyl]amino]-3-[[4-[3-hydroxy-2-
     (methoxycarbonyl)phenoxy]butyl]amino]-3-oxopropyl]phenyl]amino]methyl]-3-
     hydroxy-4-methoxy- (9CI)   (CA INDEX NAME)

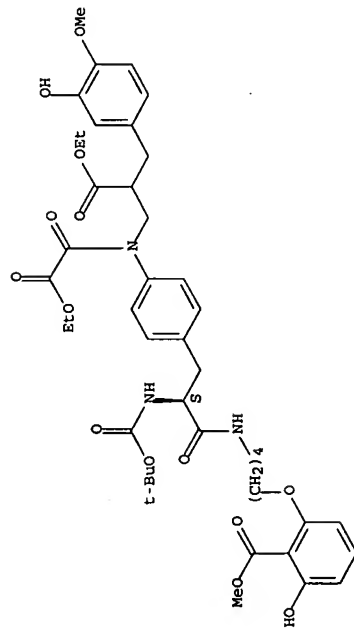Absolute stereochemistry.

IT   474917-89-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
    (Reactant or reagent)
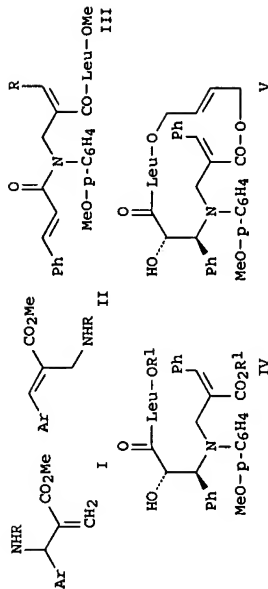   (preparation of amino(oxo)acetic acid derivs. as selective protein tyrosine

Absolute stereochemistry.

AB   Baylis-Hillman allyl acetates ArCH(OAc)C(:CH2)CO2Me (Ar = Ph, C6H4OMe-4,
      C6H4Cl-4) react regioselectively with primary amines H2NR (R = Ph,
      C6H4OMe-4, C6H4Me-4, C6H4Cl-4) in the presence of palladium(0) catalyst to
      afford α-dehydro-β-amino esters I and II. The regioselectivity
      of the reaction can be controlled by temperature and reaction medium leading to
      the synthesis of regioisomers I and II. II is a turn inducer, and the
      dipeptides III (R = Ph, Bu-i) derived from it show the presence of an
      eight-membered intramol. hydrogen bond. Also, CoCl2 catalyzes the
      cleavage of N-(2,3-epoxycinnamoyl)-L-leucine Me ester with
      α-dehydro-β-amino acid derivative II (Ar = Ph, R = C6H4OMe-4) to
      afford the corresponding dipeptide derivs. IV (R1 = Me), which exhibit an
      intramol. hydrogen bond and thus mimic a β-turn. This intramol.
      hydrogen bonding preorganizes the corresponding diallylated peptide IV (R1
      = CH2CH:CH2) for cyclization via ring-closing metathesis to afford the
      cyclic peptide V as a constrained mimic of a β-turn.

Absolute stereochemistry.

(ring-closing metathesis of dipeptide diallyl esters with intramol. hydrogen bonding)
RN   450416-54-3   CAPLUS
CN   L-Leucine, (2S,3S)-2-hydroxy-N-(4-methoxyphenyl)-N-[3-oxo-2-(phenylmethyl)-3-(2-propenyloxy)propyl]-3-phenyl-β-alanyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

IT   450416-52-1P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
           (preparation of dehydro beta amino acid derived cyclic peptide as constrained beta turn mimic with intramol. hydrogen bond)
RN   450416-52-1   CAPLUS
CN   L-Leucine, (2S,3S)-2-hydroxy-N-[3-methoxy-3-oxo-2-(phenylmethyl)propyl]-N-(4-methoxyphenyl)-3-phenyl-β-alanyl-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
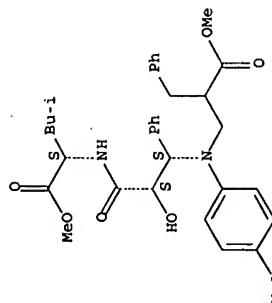
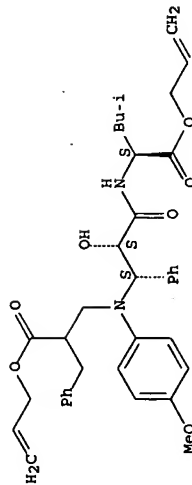REFERENCE COUNT: 29   THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 4   CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:234566   CAPLUS
DOCUMENT NUMBER: 131:44796
TITLE: Solid-Phase Synthesis of 3,4,5-Substituted 1,5-Benzodiazepin-2-ones
AUTHOR(S):   Lee, Jung; Gauthier, Diane; Rivero, Ralph A.
CORPORATE SOURCE: The R.W. Johnson Pharmaceutical Research Institute, Spring House, PA, 19477, USA
SOURCE: Journal of Organic Chemistry (1999), 64(9), 3060-3065 CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S):   CASREACT 131:44796
AB   The preparation of 3,4,5-substituted 8-carboxamido-1,5-benzodiazepin-2-ones using a solid-phase synthetic method is described. 4-Fluoro-3-nitrobenzoic acid is tethered to a solid support via the acid group. Aromatic substitution of the aryl fluoride with either an α- or

REFERENCE COUNT: 44   THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 4   CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:37249   CAPLUS
DOCUMENT NUMBER: 137:185792
TITLE: Synthesis of an α-dehydro β-amino acid derived cyclic peptide as a constrained β-turn mimic
AUTHOR(S):   Rajesh, S.; Srivastava, Jyoti; Bannerji, Biswadip; Iqbal, Javed
CORPORATE SOURCE: Department of Chemistry, Indian Institute of Technology, Kanpur, 208 016, India
SOURCE: ARKIVOC [online computer file] (2001), 2(10), No pp. given
                   CODEN: AKVCFI
                   URL: http://www.arkat.org/arkat/journal/Govi/Govi2.pdf
PUBLISHER: ARKAT Foundation
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OTHER SOURCE(S):   CASREACT 137:185792
AB   Cobalt(II) chloride catalyzes the cleavage of epoxy peptides with an α-dehydro β-amino acid derivative to afford the corresponding dipeptide derivative which exhibits an intramol. hydrogen bond and thus mimics a β-turn. This intramol. hydrogen bonding preorganizes the corresponding diallylated peptide for cyclization via ring closing metathesis to afford the cyclic peptide as a constrained mimic of a β-turn.
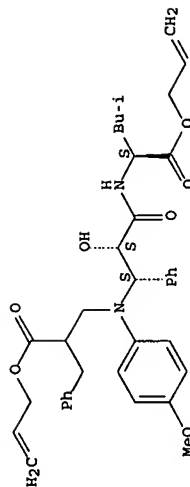
IT   450416-54-3
        RL: RCT (Reactant); RACT (Reactant or reagent)
           (preparation of dehydro beta amino acid derived cyclic peptide as constrained beta turn mimic with intramol. hydrogen bond)
RN   450416-54-3   CAPLUS
CN   L-Leucine, (2S,3S)-2-hydroxy-N-(4-methoxyphenyl)-N-[3-oxo-2-(phenylmethyl)-3-(2-propenyloxy)propyl]-3-phenyl-β-alanyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

β-substituted β-amino ester is carried out in the presence of
DIEA in DMF. The reduction of the aryl nitro group is accomplished in the
presence of SnCl2·H2O. Hydrolysis of the ester is carried out in
the presence of a heterogeneous mixture of 1 N NaOH/THF (1:1). The
resulting aniline acid is cyclized to form the benzodiazepinone skeleton
with DIC and HOBt. Selective alkylation at the N-5 position of the
benzodiazepinone is accomplished with alkyl halides in the presence of
K2CO3 in acetone. The desired products are cleaved from solid supports
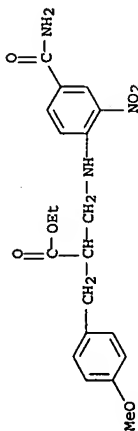and obtained in 46-98% isolated yields.

IT   224811-62-5P 224811-63-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
      (solid-phase synthesis of benzodiazepinones)
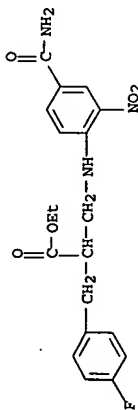
RN   224811-62-5 CAPLUS
CN   Benzenepropanoic acid, α-[[(4-(aminocarbonyl)-2-
      nitrophenyl]amino]methyl]-4-methoxy-, ethyl ester (9CI)   (CA INDEX NAME)

RN   224811-63-6 CAPLUS
CN   Benzenepropanoic acid, α-[[[4-(aminocarbonyl)-2-
      nitrophenyl]amino]methyl]-4-fluoro-, ethyl ester (9CI)   (CA INDEX NAME)

CITED AS CLOSEST PRIOR ART. (handwritten)

REFERENCE COUNT: 44   THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
                             RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> LOGOFF
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
FULL ESTIMATED COST   24.58   371.87

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
                                                    -3.00   -3.00
CA SUBSCRIBER PRICE   -3.00

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NEWS 3   AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 4   AUG 28 ADISCTI Reloaded and Enhanced
NEWS 5   AUG 30 CA(SM)/Caplus(SM) Austrian patent law changes
NEWS 6   SEP 21 CA/CAplus fields enhanced with simultaneous left and right
                  truncation
NEWS 7   SEP 25 CA(SM)/Caplus(SM) display of CA Lexicon enhanced
NEWS 8   SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 9   SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 10   SEP 28 CEABA-VTB classification code fields reloaded with new
                  classification scheme
NEWS 11   OCT 19 LOGOFF HOLD duration extended to 120 minutes
NEWS 12   OCT 19 E-mail format enhanced
NEWS 13   OCT 23 Option to turn off MARPAT highlighting enhancements available
NEWS 14   OCT 23 CAS Registry Number crossover limit increased to 300,000 in
                  multiple databases
NEWS 15   OCT 23 The Derwent World Patents Index suite of databases on STN
                  has been enhanced and reloaded
NEWS 16   OCT 30 CHEMLIST enhanced with new search and display field
NEWS 17   NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 18   NOV 10 CA/CAplus F-Term thesaurus enhanced
NEWS 19   NOV 10 STN Express with Discover! free maintenance release Version
                  8.01c now available
NEWS 20   NOV 20 CAS Registry Number crossover limit increased to 300,000 in
                  additional databases
NEWS 21   NOV 20 CA/Caplus to MARPAT accession number crossover limit increased
                  to 50,000
NEWS 22   DEC 01 CAS REGISTRY updated with new ambiguity codes
NEWS 23   DEC 11 CAS REGISTRY chemical nomenclature enhanced
NEWS 24   DEC 14 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25   DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and
                  functionality
NEWS 26   DEC 18 CA/Caplus pre-1967 chemical substance index entries enhanced
                  with preparation role
NEWS 27   DEC 18 CA/Caplus patent kind codes updated
NEWS 28   DEC 18 MARPAT to CA/Caplus accession number crossover limit increased
                  to 50,000
NEWS 29   DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 30   DEC 27 CA/Caplus enhanced with more pre-1907 records

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
                  MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                  AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items
NEWS IPC8   For general information regarding STN implementation of IPC 8
NEWS X25   X.25 communication option no longer available
NEWS PRICE   STN 2007 Prices

Enter NEWS followed by the item number or name to see news on that
specific topic.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:59:53 ON 28 DEC 2006

=> file reg

```
COST IN U.S. DOLLARS                    SINCE FILE    TOTAL
                                          ENTRY      SESSION
FULL ESTIMATED COST                        0.21        0.21
```

FILE 'REGISTRY' ENTERED AT 09:00:03 ON 28 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 DEC 2006 HIGHEST RN 916420-05-8
DICTIONARY FILE UPDATES: 27 DEC 2006 HIGHEST RN 916420-05-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\PHENYLALANINE INTEGRIN INHs.str

chain nodes :

```
7  8  9 10 11 19 20 24 25 26
ring nodes :
1  2  3  4  5  6 12 13 14 15 16 17
ring/chain nodes :
27
chain bonds :
5-7  7-8  8-9  8-10  9-19  9-20  10-11  11-12  24-25  25-26  25-27
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  12-13  13-14  14-15  15-16  16-17
exact/norm bonds :
9-19  9-20  10-11  11-12  24-25  25-27
exact bonds :
5-7  7-8  8-9  8-10
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  12-13  13-14  14-15  15-16  16-17
isolated ring systems :
containing 1 :
```

G1:O,N

```
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom          19:CLASS  20:CLASS
24:CLASS  25:CLASS  26:CLASS  27:CLASS  28:Atom
```
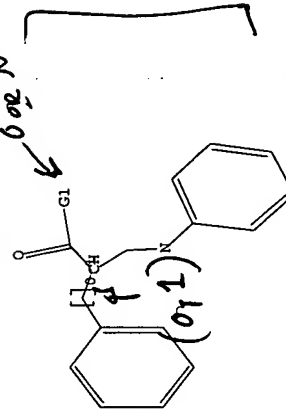
L1   STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1   STR

G1 O,N

FULL SCOPE OF CL. 1, 2 SEARCH

Structure attributes must be viewed using STN Express query preparation.

=> S L1
SAMPLE SEARCH INITIATED 09:00:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   1074 TO ITERATE

100.0% PROCESSED   1074 ITERATIONS
SEARCH TIME: 00.00.01
                                        50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                           BATCH   **COMPLETE**
PROJECTED ITERATIONS: 19514 TO   23446
PROJECTED ANSWERS: 576 TO   1424

L2   50 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\PHENYLALANINE INTEGRIN INHs.str

chain nodes :
7 8 9 10 11 19 20 24 25 26
ring nodes :
1 2 3 4 5 6 12 13 14 15 16 17
ring/chain nodes :
27
chain bonds :
5-7 7-8 8-9 8-10 9-19 9-20 10-11 11-12 24-25 25-26 25-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
9-19 9-20 10-11 11-12 24-25 25-26 25-27
exact bonds :
5-7 7-8 8-9 8-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
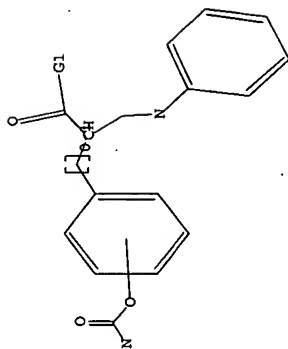containing 1 :

G1:O,N

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:CLASS 10:CLASS
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:Atom

L3   STRUCTURE UPLOADED

=> D L3
L3 HAS NO ANSWERS

L3   STR

G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> S L3 SSS FULL
FULL SEARCH INITIATED 09:01:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   2600 TO ITERATE

100.0% PROCESSED   2600 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

L4   0 SEA SSS FUL L3

=> LOGOFF
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                           ENTRY   SESSION
FULL ESTIMATED COST   167.82   168.03

STN INTERNATIONAL LOGOFF AT 09:01:42 ON 28 DEC 2006